Wayne County, West Virginia
Table H.--Engineering Index Properties
(Absence of an entry indicates that the data were not estimated.)

		I	1	Classif	icati	on		Fragr	ments			e passi		I	
Map symbol	Depth	USDA texture	!							:	sieve n	umber		Liquid	
and soil name		 		Unified	 A	ASHTC		>10 inches	3-10 inches		10	40	200	limit 	ticity index
		!	!		!				l	!	!	!	!	<u> </u>	ļ
	In	l I	1		 			Pct 	Pct 	 	 	 	 	Pct	1
AgC:		İ	i		İ			' 		, 	İ	i i	' 	i i	İ
Allegheny				CL-ML, ML				0				65-100			
			CL, SM 	ML, SC,	A-4, 	A-6		0 	0 	90-100 	80-100 	65-95 	35-80 	0-35 	NP-15
	46-55	Silt loam,	CL,	ML, SC,	A-1, 4,		A-	 	0-5 	65-100 	 55-100 	35-95 	 20-75 	0-35	NP-15
AsA:		 	i					 	 	 	 	 	 	 	
Ashton		•	ML		A-4			0				75-100			•
		Silt loam, silty clay loam	CL, 	CL-ML	A-4, 	A-6,	A-7	0 	0 	95-100 	90-100 	85-100 	80-100 	25-42 	5-20
	48-65	Silt loam,		CL-ML, , SM	A-4,	A-6		 	0-5 	90-100 	85-100 	65-95 	40-90 	0-40	NP-20
Melvin					 			 	 		 		 		
BeC:			i					 	 	 	 	 	 		
Beech	0-9			CL-ML, ML				0				55-85			
		Channery loam, channery clay loam, very		ML, SC	A-2, 	A-4,	A-6	0 	0-20 	45-90 	40-85 	35-80 	30-65 	25-40 	7-14
	51-65	channery loam Very channery loam, very channery silt loam, channery clay loam	CL,	ML, SC	 A-2, 	A-4,	A-6	 0 	 5-25 	 40-85 	 35-80 	 30-75 	 25-65 	 25-40 	7-14
BeD:		İ	i		İ			 			İ	İ	! 	İ	İ
Beech		Loam Channery loam, channery clay loam, very channery loam	CL, 	CL-ML, ML ML, SC			A-6	0 0 				55-85 35-80 			
	51-65	Channery Toam, Very channery loam, very channery silt loam, channery clay loam	CL,	ML, SC	A-6, 	A-2,	A-4	0 	5-25 	40-85 	35-80 	30-75 	 25-65 	25-40 	7-14

Print date: 06/10/2002

Table H.--Engineering Index Properties--Continued

Map symbol	Depth	 USDA texture	 	Cl	assif	icati	on		Fragi	ments			e passi:	ng	 Liquid	 Plas-
and soil name	Dopon.		i						' >10	I 3-10	i	01010 11	u 0 1		limit	
				Unifi	ed	i A	ASHTO			inches	4	10	40	200	- 1	index
! 	In	<u> </u> 	 			¦			 Pct 	 Pct 	' 	' 	 	' 	 Pct 	
BeE:			 			i I			 	 	i I	i I	i I	i I	i I	i I
Beech 	9-51	Loam Channery loam, channery clay loam, very channery loam	CL,												20-35 25-40 	
	51-65	Very channery loam, very loam, very channery silt loam, channery clay loam	CL,	ML,	SC	A-2,	A-4,	A-6	 0 	5-25 	40-85 	35-80 	30-75 	 25-65 	25-40 	7-14
BuC:																
Beech 	9-51	Channery loam, channery clay loam, very	CL, 					A-6							20-35 25-40 	
 	51-65	channery loam Very channery loam, very channery silt loam, channery clay loam	SC,	CL,	ML	 A-2, 	A-4,	A-6	 0 	 5-25 	 40-85 	 35-80 	 30-75 	 25-65 	 25-40 	 7-14
,	0-9 9-51 51-65	Loam	 			 			 	 	 	 	 	 	0-14	
Other Soils									 	 						
Ca:									 	 						
Chagrin	8-45			CL-M SM	•	A-4 A-2,	A-4,	A-6	0 0 						20-35 20-40 	
 	45-65			SM,	SP-SM	 A-2, 	A-4		 0 	 0 	 75-100 	65-100 	40-85 	10-80 	20-40	NP-10
 Holly 	 	 	 			 			 	 	 	 	 	 		

Table H.--Engineering Index Properties--Continued

Map symbol	Depth	 USDA texture	Classi:	fication	1	i	ments		_	e passi umber	_	 Liquid	
and soil name 			 Unified	 AAS	SHTO		3-10 inches		10	40	200	limit 	ticity index
	In	l		_		 Pct	 Pct	 	 	 	 	 Pct	
CtA:			[[
Cotaco	0-12	•	CL-ML, ML,	A-4		0	0-5 	 80-100 	75-95 	55-85 	35-80	0-30	NP-7
		Gravelly sandy clay loam, clay loam, loam	CL, GC, SC, SM 	A-1-b, A-4,) 0 	0-10 	60-100 	50-95 	40-90 	20-80 	0-35 	NP-15
	39-65	Gravelly silt	CL, GC, SC, SM 	A-1-b, A-4,		0	0-10	60-100 	50-95 	40-90	20-80	0-35	NP-15
CtB:									İ		i		
Cotaco	0-12	•	CL-ML, ML, SC-SM, SM	A-4		0	0-5 	80-100 	75 - 95	55-85 	35-80 	0-30 	NP-7
 		Gravelly sandy		A-1-b, A-4,		0	0-10 	60-100 	50-95 	140-90	20-80	0-35	NP-15
	39-65	Gravelly silt	CL, GC, SC, SM 	A-1-b, A-4,		0	0-10 	60-100 	50-95 	40-90 	20-80	0-35	NP-15
DgF:													
Dekalb	0-4		CL-ML, GM, ML, SM	A-1, A	A-2, A-4	0-6	10-30 	50-90 	45-80 	40-75 	20-55 	10-32 	NP-10
 		Channery sandy loam, channery loam, very channery sandy loam	ML, SM 	A-1, A	A-2, A-4	0 	5-40 	50-85 	40-75 	40-75 	20-55 	15-32 	NP-9
 	33-37	Unweathered bedrock	 	 		 	 	 	 				
Other Soils			i	-						i		i	
Gilpin	0-6		 CL, CL-ML, GC, SC	A-2, A	A-4, A-6	 	 10-40 	 50-90 	 45-85 	 35 - 75 	 30-70 	20-40	 4-15
 		Channery silt loam, channery loam, silty clay loam	CL, CL-ML,	A-2, A	A-4, A-5	 	0-30	50-95 	45-90 	35-85	30-80	20-40	4-15
	22-26	Unweathered bedrock	 			 	 	 	 	 	 	 	

Table H.--Engineering Index Properties--Continued

Map symbol	 Depth	 USDA texture	Classif	icati	on		Fragr	ments			e passi: umber		 Liquid	
and soil name		 	 Unified	 A.	ASHTO			3-10 inches	 4	10	40	200	limit 	ticity index
	In	¦	'	 			Pct	Pct	¦	¦	¦	¦	Pct	¦
DlE:										l		1		1
Dekalb	0-4	Channery sandy	CL-ML, GM,	 A-1,	A-2,	A-4		I 0-30	1 150-90	 45-80	140-75	120-55	110-32	 NP-10
			ML, SM	į ´	,				İ	İ		İ	İ	i
		Channery sandy loam, channery loam, very channery sandy	ML, SM	A-1, 	A-2,	A-4	 	5-40 	50-85 	40-80 	40-75 	20-55 	15-32 	NP-9
	 33-37 	loam Unweathered bedrock	 	 			 	 	 	 	 	 	 	
Latham	l □ 0-4	 Silt loam	 CL, CL-ML, ML	 \(\D = 4 \)	D -6		 	l I 0-5	 85=100	 75=100	170-100	 65-90	 20-35	 5-12
na criam		•		A-7	11 0								145-65	
		silty clay loam, channery silty clay	[
		Weathered bedrock	 -	i I				 	 	 	 	 		
Other Soils														
DPG:			 	 				 	 	l I	 	 		
Dekalb	0-4		CL-ML, GM, ML, SM	A-1,	A-2,	A-4	6-20	15-30 	50-90 	45-80 	40-75	20 - 55	10-32	NP-10
	4-33	Channery sandy loam, channery loam, very channery sandy loam	ML, SM	A-1, 	A-2,	A-4	0	5-40 	50-85 	40-75 	40-75 	20-55 	15-32 	NP-9
	33-37	Unweathered bedrock	 	 				 	 	 	 	 		
Pineville	 0-5 	•	 CL-ML, ML, SC-SM, SM	 A-2, 	A-4		 	 15-30 	 55-90 	 50-85 	 45-80 	 30-75 	 25-35 	 4-10
	5-53 	Channery loam, channery clay loam, very channery loam	SC, SC-SM	A-2,	A-4,	A-6	 	0-10 	55-85 	50-80 	45-75 	30-65 	25-40	6-15
	 53-65 	Very channery loam, very channery clay	GC-GM, GM, SC, SC-SM	A-1, 4, 1		A-	 	5-20 	 35-75 	 30-70 	25-65 	 20-60 	25-35	4-12
		loam, very channery sandy loam	Ī	 				 	 	 	 	 	 	
İ		I	I	I				I	I	I	I	I	I	

Table H.--Engineering Index Properties--Continued

Ι		1	Classif	ication		Fragi	ments			e passin		1	I
	Depth	USDA texture	!					:	sieve n	umber		Liquid	
and soil name			 Unified	I AAS	шт∩	>10 inches		 	1 10	1 40	1 200		ticity index
			Unitited	1	1110	Inches		=	1 10	40	200 		I
	In	1		'		Pct	Pct	'	' 	'	 	Pct	'
 Guyandotte 	0-13	•	CL-ML, GC-GM, ML, SC-SM	 A-1, A 	-2, A-4	 	 20-50 	 25-65 	 20-60 	 15-55 	 10-55 	 20-30 	NP-8
 		Very channery sandy loam, very channery loam, extremely channery sandy loam	ML, SC-SM 	A-1, A 	-2, A-4	 	5-35 	25-65 	20-60 	15-55 	10-55 	20-30 	NP-8
Other Soils		i	i	-									
DrD:		1	 	 		 	 	 	 	 	l I		1
Dormont	0-7	Silt loam	ML, CL	A-4, A	-6	0	0	80-100	 75 - 100	 75 - 95	 70-85	25-39	9-15
 		Silt loam, silty clay loam	CL 	A-4, A	-6	0 	0 	80-100 	75 - 95 	75-90 	70-85 	25-39 	9 - 15
 	23-40	Channery silty	CH, CL, MH, ML 	A-6, A 	- 7	 0 	 0 	70-100 	 60-90 	 55-85 	 55-80 	35-55	12-25
 	40-54		CL, GM, MH, ML 	A-6, A 2, A- 		0 	0-5 	60-100 	35-90 	35-80 	30-80 	30-55 	9-25
Latham	0-4	Silt loam	CL, CL-ML, ML	A-4, A	-6		0-5	85-100	 75 - 100	70-100	 65 - 90	20-35	5-12
 		silty clay loam, channery	CH, CL 	A-7 		 	0-10 	85-100 	70-95 	65-95 	60-90 	45-65 	25-40
 		silty clay Weathered bedrock	 	[[[
Other Soils				-									

Table H.--Engineering Index Properties--Continued

Map symbol	Depth	 USDA texture	Classif	ication	_i	ments		rcentage sieve n	e passinumber	-	 Liquid	
and soil name 		 	 Unified 	 AASHTO 		3-10 inches	 4	10	1 40	200	limit 	ticity index
	In		 		Pct	Pct		'	'	' 	Pct	
DrE:			 	l I				 	 	 		
Dormont	7-23			A-4, A-6 A-4, A-6	0 0 						25-39 25-39 	
 	23-40	Channery silty clay loam, clay, silty	CH, CL, MH, ML 	A-6, A-7	0	0	70-100 	 60-90 	 55-85 	 55-80 	35-55	12-25
 	40-54	clay Silt loam, channery silty clay loam, clay	 CL, GM, MH, ML 	 A-2, A-4, A- 6, A-7 	 0 	 0-5 	 60-100 	 35-90 	 35-80 	 30-80 	 30-55 	 9-25
Other Soils												
 Latham 	4-34	•	ĺ	A-4, A-6 A-7 	 						20-35 45-65 	
 	34-38	silty clay Weathered bedrock	 	 		 	 	 	 	 	 	
FvF: Fiveblock	0-9	 Sandv loam	 GC-GM, GM,	 A-1, A-2		 15-30	 55-70	 50-65	 35-50	 10-25	 15-25	 NP-7
		i	SC-SM, SM GC-GM, GM,	A-1, A-2		İ	İ	ĺ	ĺ	ĺ	115-25	İ
 - - -		channery sandy loam, very stony sandy loam, very channery sandy loam	SC-SM, SM 									
GuC:	0 6		 					175 00	 	 	1	
Gilpin 	6-22	Silt loam Channery loam, channery silt loam, silty clay loam	CL, CL-ML,	A-4, A-6 A-2, A-4, A-6							20-40 20-40 	
		Unweathered bedrock	' 	- 	 	 	 	 	 	 	 	

Table H.--Engineering Index Properties--Continued

Map symbol	Denth	 USDA texture	 	Classif	icati	on		Fragi	ments		rcentage	e passir		 Liquid	 Plas-
and soil name	БСРСП	ODDA CCACGIC	·					 >10	3-10		31CVC 111	anwer		limit	
			1	Unified	 A.	ASHTO		inches		4	1 10	40	200		index
	———— In	! 	ļ					Pct	Pct	! 	! !	! 	 	Pct	!
Upshur	8-40	Silty clay,		CL-ML, ML CL, MH	 A-4, A-7	A-6		0				 85-100 90-100			
 	40-45	loam, silty	 CH, ML	CL, MH,	 A-6, 	A-7		0	 0 	 80-100 	 65-100 	 60-100 	 55-95 	 35-55 	 11-25
 	45-49	clay, clay Weathered bedrock	 		 			 	 	 	 	 	 	 	
Other Soils		 			 			 	 	 	 	 	 	 	
GuD:			İ		' 				' 	' 	İ	 	' 	 	'
Gilpin	6-22	Channery loam,	CL,	CL-ML,	A-4, A-2,	A-6 A-4,	A-6	 				70-85 35-85			4-15 4-15
 		channery silt loam, silty clay loam		, SC	 				 	 	 	 	 	 	
		Unweathered bedrock			 				 			 		 	
Upshur	8-40			CL-ML, ML CL, MH	A-4, A-7	A-6		0	•			85-100 90-100			
 	40-45	Silty clay	 CH, ML	CL, MH,	 A-6, 	A-7		 0 	I 0 	 80-100 	 65-100 	 60-100 	 55-95 	 35-55 	 11-25
 	45-49	clay, clay Weathered bedrock			 			 	 	 	 	 	 	 	
Other Soils		 	 		 				 	 	 	 	 	 	
GuE: Gilpin	6-22	Channery loam,	CL,	CL-ML,	 A-4, A-2,	A-6 A-4,	A-6					 70-85 35-85			
 	22-26	channery silt loam, silty clay loam Unweathered bedrock		, SC	 			 	 	 	 	 	 	 	
Other Soils		 	 		 			 	 	 	 	 	 	 	

Table H.--Engineering Index Properties--Continued

Map symbol	Depth	 USDA texture	Classif:	ication		l	ments		rcentage sieve n		_	 Liquid	
and soil name		 	 Unified	 AASI		>10 inches	3-10 inches	 4	10	40	200	limit 	ticity index
	————In	!	 			Pct	Pct	 	 	!	! !	 Pct	
Upshur 	8-40	Silty clay,	 CL, CL-ML, ML CH, CL, MH	 A-4, A- A-7	-6	0	 0 0	•	 95-100 95-100			 25-40 45-70	 5-15 20-40
	40-45		 CH, CL, MH, ML	 A-6, A- 	-7	0	I 0 	 80-100 	 65-100 	 60-100 	 55-95 	 35-55 	 11-25
 	45-49	clay, clay Weathered bedrock	 			 	 	 	 	 	 	 	
GuF: Gilpin	6-22	Channery loam, channery silt	GC, SC, CL,	 A-4, A- A-2, A-					 75-90 45-90				 4-15 4-15
 		loam, silty clay loam Unweathered bedrock	 	 		 	 	 	 	 	 	 	
Other Soils			 				 !			 	 		
Upshur 	8-40		CL, CL-ML, ML	A-4, A- A-7	-6	0			 95-100 95-100			25-40 45-70	5-15 20-40
į	40-45	Silty clay loam, silty	CH, CL, MH,	A-6, A-	-7	0	, 0 	 80-100 	 65-100 	 60-100 	55-95 	35-55 	11-25
 		clay, clay Weathered bedrock 	 	 			 	 	 	 	 	 	
Gw: Grigsby 		Loam, fine	 CL, CL-ML, ML CL, ML, SC, SM		-4	 			 80-100 80-100				 NP-10 NP-10
	42-65	Fine sandy	SC-SM, SM	 A-1, A- 	-2, A-4	 	 0-30 	 40-100 	 30-100 	 25-100 	 20-70 	0-20 	 NP-5
 Melvin 		 	 	 			 	 	 	 	 	 	
Gy: Guyan 				 A-4 A-4, A-	-6	0 0			 95-100 85-100 			 20-30 25-40 	 5-10 8-17

Table H.--Engineering Index Properties--Continued

Map symbol	Depth	 USDA texture	I I	Classif	icati	on		i	ments		rcentage sieve n	-	ng	 Liquid	
and soil name 		 	 	Unified	 A	ASHTO			3-10 inches	 4	10	40	200	limit 	ticity index
	In							 Pct	Pct	' 	' 	' 	 	Pct	
Purdy			 					 	 						
Hu:								 		İ	i	İ			İ
Huntington 	17-32			CL-ML, ML				0 0 						25-40 25-40 	
; !	32-65	Stratified fine sand to silty clay loam		ML, SC,	A-2,	A-4		 	0-10	95-100 	60-100 	50-90 	30-75 	0-30	NP-10
Melvin			 		 			 	 	 					
KaA:			İ							İ	İ		İ	İ	
Kanawha 	9-40	Loam, sandy clay loam,	CL,	CL-ML, ML ML, SC,		A-4,	A-6	0 0		80-100 80-100 				20-35 20-40	2-10 3-15
 	40-65	11		ML, SC,	A-2, 	A-4,	A-6	 0 	 0 	 60-100 	 55-100 	 40-95 	 20-60 	 20-35 	 2-12
KaB:			i		i				İ	İ	İ	İ		İ	İ
Kanawha 	9-40	Loam, sandy		CL-ML, ML ML, SC,		A-4,	A-6	0 0 						20-35 20-40 	
	40-65	•		ML, SC,	A-2,	A-4,	A-6	0 	0 	60-100 	 55-100 	40-95 	20-60 	20-35	2-12
LgC: Latham 	4-34	Silty clay, silty clay loam, channery	CH, 	CL-ML, ML	 A-4, A-7 	A-6		 						 20-35 45-65 	
 	34-38	silty clay Weathered bedrock	 		 			 	 	 	 	 	 	 	

Table H.--Engineering Index Properties--Continued

Map symbol	Depth	 USDA texture	Classif			ments		rcentage sieve n	e passinumber	_	 Liquid	
and soil name		 	 Unified	•	>10 inches	3-10 inches	 4	10	40	200	limit 	ticity index
	In		 	 	Pct	Pct	 	 		 	Pct	
Gilpin 	6-22	Channery loam, channery silt loam, silty	CL, CL-ML,	A-4, A-6 A-2, A-4, A-6					 70-85 35-85 		20-40 20-40 	4-15 4-15 4-15
 		clay loam Unweathered bedrock	 	 		 	 	 	 	 	 	
Other Soils		 	 	 		 	 	 	 	 	 	
LgD: Latham 	4-34			 A-4, A-6 A-7 					 70-100 65-95 		 20-35 45-65 	 5-12 25-40
İ		Weathered bedrock		 			 	 !	 	 	 	 !
 Gilpin 	6-22	 Silt loam Channery loam, channery silt loam, silty	CL, CL-ML,	 A-4, A-6 A-2, A-4, A-6 					 70-85 35-85 			 4-15 4-15
	22-26	clay loam Unweathered bedrock 	 - -	 - 		 	 	 	 	 	 	
Other Soils		 	 	 			 	 	 	 	 	
Lo: Lobdell	6-38 38-65	Loam, silt loam	CL, CL-ML,	A-4 A-4 A-4 A-4	0 0 0	0	90-100	80-100	70 - 95	55 - 85	 20-30 20-35 15-35	NP-10
Holly		 	 	 		 	 	 	 	 		
MaB: Markland 	8-39	•		 A-4, A-6 A-7 	0	 0 0	 100 100 				 25-35 45-60 	
	39-65	Stratified	CH, CL, MH, ML	A-7 	0	0 	100 	100 	90-100 	75-95 	40-55 	15-25

Table H.--Engineering Index Properties--Continued

Map symbol	Depth	 USDA texture	Classif	ication	Fragi	ments		rcentage	e passir umber	ng	 Liquid	 Plas-
and soil name	_		Unified	I AASHTO	>10	3-10 inches	l	I 10	1 40	1 200	limit	ticity
			Unitited	AASHIO	Inches	Inches	1	l 10	40 	2.00 	1	l
	In	' 	' 	'	Pct	Pct	i	i	i	' 	Pct	'
I			I	l		l		l	l	l		
MaC: Markland	0 0	10:1+ 1	LOT OT MT		0		 100	 100	100 100		 25-35	 5-15
Markiand		•		A-4, A-6 A-7	0	1 0	I 100				145-60	
		clay, silty				l	1	1		50 55	1	1
j		clay loam	İ	i I							İ	İ
I				A-7	0	0	100	100	90-100	75-95	40-55	15-25
			ML									
		loam to clay	1	 		 	 	 	 	l I	1	
Me:				! 		! 	! 	! 	! 	! 		!
Melvin	0-6	Silt loam	CL, CL-ML, ML	A-4	0	0	95-100	90 - 100	80-100	80-95	25-35	4-10
I			CL, CL-ML	A-4, A-6	0	0	95-100	90-100	80-100	80-98	25-40	5-20
		silty clay	1									
		loam Silt loam,	CL, CL-ML	 A-4, A-6	0	I I 0	 85=100	 80=100	 70 = 100	 60=98	125-40	 5=20
		silty clay		A , A 0	U	l O	100 100	100 100	/ U 1 U U	00 J0 	123 40	1 3 20
i		loam, loam	İ	I			İ		İ	I	į	İ
I			I	l		l		l	l	l		
NeD:	0 11											
Nelse	0-11		CL-ML, ML, SC-SM, SM	A-2-4, A-4		0-5	195-100	195-100	165-90	30-65 	0-25	INP-5
	11-55			A-2-4, A-4		I 0-5	95-100	 90-100	1 160-85	1 125-45	0-20	INP-5
į		loam, loam,	İ	İ			İ	I	I	İ	İ	İ
I		loamy fine		l				l				
		sand Loamy fine	 SM	 A-2-4		l l 0-5	105 100		160 05	1 5 20	1 0-20	l NP
ļ		sand, fine	SM	A-2-4		U-5 	195-100	190-100	60-85 	115-30	1 0-20	I NP
		sandy loam		! 		! 	! 	! 	! 	! 		!
i			İ	İ			I		I	I	İ	İ
PbE:		<u> </u>										
Pineville	0-5		CL-ML, ML, SC-SM, SM	A-2, A-4		15-30	55-90	50-85	45-80	30-75	25-35	4-10
 	5-53	Channery loam,		 A-2, A-4, A-6		I I 0-10	ı 155–85	I 150-80	I 145-75	I 130-65	125-40	I 6-15
		channery clay				0 10						0 10
j		loam, very	ĺ	i I							İ	İ
I		channery loam		l .			1	Ι	Ι	l	1	1
		Very channery		A-1, A-2, A-		5-20	35-75	30-70	25-65	20-60	25-35	4-12
ļ		loam, very channery clay		4, A-6		 	 	 	 	l I	1	
i i		loam, very	i I	 		! 	! 	! 	! 	! 		!
i		channery sandy	İ	I			İ		İ	I	į	İ
i		loam	I	l		l	l	l	l	l		1
0.1 0.1.			Į.								1	
Other Soils												

Table H.--Engineering Index Properties--Continued

Map symbol	Depth	 USDA texture	 	Classif	icati	on		Fragr	nents			e passin umber	_	 Liquid	
and soil name		 	 	Jnified	 A.	ASHTO		>10 inches	3-10 inches	l	10	40	200	limit 	ticity index
	————	<u> </u>	! !		 			Pct	Pct	 	 	 	 	 Pct	
Buchanan	0-5		 CL, GM,	•	 A-2,	A-4		6-20	5-20	 50-85 	 45-70	 40-70	 30-60	120-35	2-11
	5-28	Gravelly loam,	CL,		 A-2, 	A-4		0-3	0-20	 50-100 	 45-90 	40-90 	20-80 	20-35	2-15
	28-65	Clay loam Gravelly loam, loam, channery clay loam		GM, ML,	 A-2, 	A-4,	A-6	0-3	0-20 	 50-100 	 30-80 	 30-75 	 20-60 	 20-35 	 2-15
Ud: Udorthents		 	 		 				 	 	 	 	 	 	
UsB: Urban Land	0-6	 Loam	 		 				 	 	 	 	 	0-14	
Ashton	10-48	Silt loam, silty clay	ML CL,		A-4 A-4,	A-6,	A-7	0				75-100 85-100			NP-10 5-20
	48-65		 CL, ML, 		 A-4, 	A-6			 0-5 	 90-100 	 85-100 	 65-95 	 40-90 	0-40 	 NP-20
Lindside 				CL-ML, ML CL-ML, ML				0	 0 0 			 80-100 90-100 			 2-15 4-18
 		loam	SM	ML, SC,	 A-2, 	A-4,	A-6	0	0 0 	 60-100 	 55-100 	 45-100 	 30-95 	 20-40 	 4-18
Other Soils			 		 				 	 	 		 		
Melvin			 		 				 	 	 	 	 		
UtD: Urban Land	0-6	 Loam 	 		 				 	 	 	 	 	 0-14 	

Table H.--Engineering Index Properties--Continued

Map symbol	 Depth	 USDA texture 	Classification		Fragments		Percentage passing sieve number				 Liquid	 Plas-
and soil name 			Unified		>10	3-10 inches	4	10 40 200				ticity index
		 	Unitied 	AASHIO	Inches	Inches	4	10	40	200	 	Index
	In				Pct	Pct					Pct	
 Gilpin 	6-22	Channery loam, channery silt loam, silty	CL, CL-ML,	A-4, A-6					 70-85 35-85 			
	22-26	clay loam Unweathered bedrock	 			 	 	 	 	 	 	
Other Soils		 	 					 	 	 	 	
Upshur 	8-40		CL, CL-ML, ML	A-4, A-6 A-7	0				85-100 90-100			
	40-45	Silty clay loam, silty	CH, CL, MH,	A-6, A-7 	0	0	80-100	 65-100 	60-100 	 55-95 	 35-55 	11-25
	45-49	clay, clay Weathered bedrock	 					 	 	 	 	
UvB:		 	 	 				 		 	 	
Urban Land	0-6	Loam									0-14	
Kanawha	0-9	 Loam	CL, CL-ML, ML	 A-4	0	0	80-100	 75-100	 65 - 100	 50-90	 20-35	2-10
		clay loam,	SM, CL, ML, SC 	A-2, A-4, A-6 	0	0	80-100	75-100 	60-100 	25-80 	20-40 	3-15
 	40-65		CL, ML, SC,	A-2, A-4, A-6	0	0	60-100	55-100 	40-95 	20-60 	20-35 	2-12
Cotaco 	0-12		CL-ML, ML, SC-SM, SM	A-4 A - 1	0	0-5	80-100	 75-95 	 55-85 	 35-80 	 0-30 	NP-7
		Gravelly sandy clay loam, clay loam, loam		A-1-b, A-2, A-4, A-6 	0	0-10	60-100	50-95 	40-90 	20-80 	0-35 	NP-15
	39-65	Gravelly silt		A-6, A-1-b, A-2, A-4	0	0-10	60-100	 50-95 	40-90 	 20-80 	0-35 	 NP-15
Melvin		 	 	 				 	 	 	 	
Other Soils		 	 	 				 	 	 	 	

Table H.--Engineering Index Properties--Continued

	 Depth 	USDA texture	Classification		Fragments		Percentage passing					
Map symbol							:	sieve n	Liquid	Plas-		
and soil name					>10	3-10			limit	ticity		
			Unified	AASHTO	linches	linches	4	10	40	200	1	lindex
	In	!	 	_	Pct	Pct	!	 	! !	 	Pct	!
UwB:			 			 	 	 	 	 		
Urban Land	0-6	Loam	I								0-14	
Wheeling	0-8	Loam	CL, ML, SC,	A-4	0	I I 0 I	 90-100 	 90-100 	 85 - 100	 45-90 	115-35	NP-10
	8-49	loam, loam, gravelly sandy	CL, ML, SC, SM	A-4, A-6	i !	0-5 	90-100 	70-100 	65-100 	45-80 	20-40	2-20
	49-65	loam Stratified very gravelly sand to very fine sand		A-1, A-2, A- 3, A-4	 	 10-20 	 35-90 	 20-75 	 10-65 	 4-45 	 0-20 	 NP-10
Other Soils	 	 	 			 	 	 	 	 		
W: Water		 	 	 	 	 	 !	 	 	 	 	